



# NEYER, TISEO & HINDO, LTD.

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August 10, 1984  
Project No. 84272 OG

B & V Construction Company  
25301 Novi Road  
Novi, Michigan 48050

Attn: Mr. Donald J. Treder  
  
Re: Clay Cap Evaluation  
BASF Wyandotte-Riverview Landfill  
Riverview, Michigan

Dear Mr. Treder:

In reference to our letter of July 24, 1984 regarding the above referenced matter, we would like to clarify the moisture content requirements for placement and compaction of the clay cap material in order to achieve the desired permeability.

As indicated in our letter, permeability tests were performed on clay samples compacted to 90 percent of the Modified Proctor value at moisture contents ranging from 2.1 percent below the optimum value to 4.6 percent above the optimum value. The corresponding coefficients of permeability range from  $4.8 \times 10^{-8}$  to  $2.6 \times 10^{-8}$  cm/sec, which are lower than the required value of  $1 \times 10^{-7}$  cm/sec.

On this basis, the Bag Number 2 clay material can be placed and compacted in the field to 90 percent of the Modified Proctor at moisture contents ranging from 2.1 percent below optimum value to 4.6 percent above the optimum value.

If you have any questions about this letter, please call.

Very truly yours,

NEYER, TISEO & HINDO, LTD.

*D. Nona*  
D. Nona, P.E.

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